BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements of Drains and Asphalting to 1st Cross at CP Layout in Ward No. 08, Kodigehalli Sub Division. (Change of Place: CC Road and Drain Kodigehalli Village Surroundings).

Name of Agency: N.M Shivakumar, Contractor, # 7, 2nd Block, Juganahalli, Rajajinagara, Bangalore.

Estimated Cost: 11,00,000.00

D.R. No. 329/12-13

Tender Amount : Rs. 11,49,710.77

Work Order No. EE/BTP/BBMP/E-PMT/04(4547)/ /2014-15 Dated:

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2014-15+ T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and	Cum	73.71	81.00	5970.51	73.71	85.04	6268.30	0.00	0.00	85.04	0.00				0.00	6268.30		
2	Removing B.S Slab of Drain and stacking **Page No. 28 / Item No. 5.32/ PWD SR 2012-13**	Sqm	308.88	44.47	13735.89	308.88	46.69	14421.61	0.00	0.00	46.69	0.00				0.00	14421.61		
3	Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 28 / Item No. 5.33/ PWD SR 2012-13**	Sqm	308.88	63.00	19459.44	308.88	66.14	20429.32	0.00	0.00	66.14	0.00				0.00	20429.32		
4	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw	Cum	371.80	112.32	41760.58	371.80	117.92	43842.66	142.77	142.77	117.92	16835.00				16835.00	27007.66		
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick **Page No. 28 / Item No. 5.31.1/ PWD**	Sqm	77.22	315.36	24352.10	77.22	331.10	25567.54	0.00	0.00	331.10	0.00				0.00	25567.54		
6	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant	Cum	305.85	1059.48	324041.96	305.85	1112.35	340212.25	0.00	0.00	1112.35	0.00				0.00	340212.25		
7	KSRRB M500-6: Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at	Sqm	1859.00	39.64	73690.76	1859.00	41.62	77371.58	0.00	0.00	41.62	0.00				0.00	77371.58		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2014-15+ T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
8	KSRRB M500-18: Providing and laying **semi dense bituminous concrete** 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using	Cum	46.48	8829.00	410371.92	46.48	9269.57	430849.61	0.00	0.00	9269.57	0.00				0.00	430849.61		
9	KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic	Sqm	57.20	429.84	24586.85	57.20	451.29	25813.79	0.00	0.00	451.29	0.00				0.00	25813.79		
10	KSRRB M800-35: providing and fixing or road stub 100 x 100 mm, die cast in aluminum, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or Asphaltic Surface by drilling hoel 30	Nos	16.00	289.44	4631.04	16.00	303.88	4862.08	0.00	0.00	303.88	0.00				0.00	4862.08		
11	KSRRB M800-2: Retro- Re flectorised traffic signs: providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC : 67 made of high intensity grade sheeting vide clause 800.1.3 fixed	Nos	7.00	3205.44	22438.08	7.00	3365.39	23557.73	0.00	0.00	3365.39	0.00				0.00	23557.73		
12	Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine	Cum	1.56	3884.76	6060.23	1.56	4078.61	6362.63	66.92	1.95	4078.61	7953.00	64.97	5088.91	330601.00	338554.00		332191.37	
13	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine	Cum	6.92	5239.08	36254.43	6.92	5500.51	38063.53	88.34	8.65	5500.51	47579.00	79.69	6365.51	507236.00	554815.00		516751.47	
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string	Sqm	29.25	244.08	7139.34	29.25	256.26	7495.61	229.50	36.56	256.26	9370.00	192.94	307.28	59287.00	68657.00		61161.40	

Exe. Engr.
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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2014-15+ T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
15	Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring	Qntl	6.92	7323.48	50678.48	6.92	7688.92	53207.33	19.74	8.65	7688.92	66509.00	11.09	8370.60	92805.00	159314.00		106106.67	
16	KSRRB M100-1: Loading and Unloading of stone boulder / stone aggregates / sand / kanker / moorum, KSRRB M100-1 : placing tipper at loading point, loading with front and loader, dumping, turning for return trip,	Cum	413.49	72.30	29895.33	413.49	75.91	31388.03	142.77	142.77	75.91	10838.00				10838.00	20550.03		
17	Miscelaneous and unforgen charges	LS			4933.00														
	Total				**1100000.00**			**1149713.58**				**159084.00**			**989929.00**	**1149013.00**	**1016911.49**	**1016210.91**	

0.0609 Below

SUMMARY:

1 **Estimated Cost : Rs. 11.00 Lakhs**

2 **Tender Cost : Rs. 11.49 Lakhs**

3 **Executed Cost: Rs. 11.49 Lakhs**

4 **During execution as per requirement and site condition, the executed Qty. costs Rs. 11.49 Lakhs which is 0.0609% BELOW the Tender cost. The proposal may kindly be approved.**

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92